

ABSTRACT OF THE DISCLOSURE

The present invention generally relates to an apparatus and method for removing hydrocarbons and other material from a wellbore. In one aspect, a method of drilling a sub-sea wellbore is provided. The method includes circulating a drilling fluid through a drill string from a surface of the sea to a drill bit in the wellbore. The method further includes pumping the fluid and drill cuttings from the sea floor to the surface with a multiphase pump having at least two plungers operating in a predetermined phase relationship. In another aspect, a fluid separator system having a first and a second plunger assembly is provided. The fluid separator system includes at least one fluid line for removing a fluid portion from the at least one plunger assembly and at least one gas line for removing gas from the first and a second plunger assembly.